

WHAT IS CLAIMED IS:

1. A table structure which can be converted into a bed,
comprising:

a base frame serving to stand firmly on the ground;

5 a bed including two L-shape side frames and a board, the two L-shape side frames each having a mouth defined corresponding to the base frame and the two L-shape side frames connected to the base frame;

a table having two side shelves and a board, each of the side shelves having a center coupled to the L-shape side frames, the side
10 shelves of the table corresponding to the mouth of the two L-shape side frames, a spiral pin provided under the center of the side shelves;

two spiral arms, each of which having an end locked to the base frame and having another end defined with a hook, the hook positioned on the spiral pin at the both side shelves of the spiral pin.

15 2. The table structure which can be converted into a bed as claimed in claim 1, comprises a base frame, a bed, a table, two spiral arms and two retractable rods, wherein

the base frame, on both side surfaces of which is defined with a first hole and a second hole, the first hole is located vertically above the
20 second hole,

the bed, both of the L-shape side frames are further provided at an end adjacent to the base frame with a pivot for insertion into the first hole at both sides of the base frame, such that the bed can be positioned

firmly between both sides of the base frame, at another end of the L-shape side frames is defined with a connecting hole and the connecting hole is located close to the mouth;

the table, the side shelves of which are provided with a mounting seat at an upper portion of the center thereof, the mounting seat is connected to the connecting hole of the L-shape side frames through a pin, a side of the both side shelves of the table corresponds to a side surface of the mouth of the L-shape side frames, the spiral pin is located vertically under the mounting seat;

the spiral arms, each of which is defined with a mounting portion at a center thereof;

the retractable rods each has an upper end connected to the mounting portion of the spiral arms and has a lower end positioned on the base frame.

3. The table structure which can be converted into a bed as claimed in claim 2, wherein the retractable rods can be in form of oil pressure rod, which includes an outer pipe, an inner pipe and provided with oil pressure.

4. The table structure which can be converted into a bed as claimed in claim 2, wherein the retractable rods can be in form of air pressure rod, which includes an outer pipe, an inner pipe and provided with air pressure.

5. The table structure which can be converted into a bed as

claimed in claim 2, wherein the retractable rods can be in form of elastic rod, which includes an outer pipe, an inner pipe and provided with springs.

6. The table structure which can be converted into a bed as
5 claimed in claim 2, wherein an upper locating pipe and a lower locating pipe are provided on both sides of the base frame, a locking unit is provided on the L-shape side frames of the bed, and with a help of a predetermined elastic force, a locating pivot is slidably disposed on the locking unit, the locating pivot has a pull portion defined at an end
10 thereof, another protrusive end of the locating pivot serves to be inserted into the upper or the lower locating pipes as desired.